INDEX TO VOL. XLI (B)

AUTHOR INDEX

Ballal, D. K. ..	*See* Deshpande, and others.
Banerjee, S. N. and Chaterjee, B. K.	Studies on the phytotoxic action of BHC and DDT on the common cucurbitaceous plants in West Bengal, 227.
Bhat, J. V. and Kachwalla, Nafisa	Marine yeasts off the Indian Coast, 9.
Bhat, J. V. and Rijhsinghani, K.	Studies on acetobacter, I, 209.
Chaterjee, B. K. ..	*See* Banerjee and Chaterjee.
Deshpande, T. L., Ballal, D. K. and Kalamkar, R. J.	Effect of growing cotton in rotation with different crops on structure of black cotton soil, 251.
Dube, H. D. ..	*See* Sharma and Dube.
Jain, S. L. ..	Monogenea of Indian fresh water fishes, III. *Urocleidus notopterus* n. sp. (Subfamily tetraonchinæ), from the gills of *Notopterus notopterus* (Pallas), from Lucknow, 31.
John (Miss), R. ..	Studies in the Indian aquatic fungi, II, 86.
Johri, G. N. ..	On a new cestode, *Oochoristica hemidactyli* from the common wall lizard, *Hemidactylus flaviviridis* Ruppell, 79.
	On a new cestode from the Indian cobra *Naia naia* Linn., 82.
Joshi, R. H. ..	A rapid colorimetric method for the evaluation of organic matter of the soils of Madhya Pradesh, 69.
Kachwalla, Nafisa ..	*See* Bhat and Kachwalla.
Kalamkar, R. J. ..	*See* Deshpande and others.
Kalyanasundaram, R. ..	Certain aspects of toxicological studies with special reference to *Fusarium vasinfectum* Atk, 117.
Kausik, S. B. and Raju, M. V. S.	A contribution to the floral morphology and embryology of *Utricularia reticulata* Smith, 155.
Lakshmanan, M. ..	Respiratory studies on vascular wilts, 151.
Lakshminarayanan, K. ..	Some biochemical aspects of vascular wilts, 132.
Maheswari Devi, H. ..	*See* Venkateswarlu and Maheswari Devi.

Majumdar, G. P.	..	Induced ring-fasciation in tomato plants, 1.
Mirashi, M. V.	..	Contribution to our knowledge of the physiological anatomy of some Indian hydrophytes, II, 167.
Narayan, K. N.	..	Cytogenetic studies of apomixis in *Pennisetum*, *Pennisetum clandestinum* Hochst, 196.
Oke, J. G.	..	Natural tetraploidy in *Cicer arietinum* L., 220.
Raju, M. V. S.	..	*See* Kausik and Raju.
Ramakrishnan, K.	..	Some aspects of soil fungal ecology, 110.
Ramakrishnan, T. S.	..	Limb breakage in citrus, 247.
Ramakrishnan, T. S. and Sundaram, N. V.		Additions to the fungi of Madras, XVII, 189. Studies of the rust on *Setaria italica*, 241.
Rijhsinghani, K.	..	*See* Bhat and Rijhsinghani.
Row, V. V.	..	The effect of spraying MCPA (Sodium 2 methyl 4 Chlorophenoxy acetic acid) to suppress *Cyperus rotundus*, Linn. on the yield of wheat crop grown in an infested field, 65.
Sadasivan, T. S.	..	Symposium on soil micro-organisms and plant well-being, 97.
Saraswathi-Devi, L.	..	Heavy metal requirements of fungi, 145.
Sharma, S. L.	..	Multiple buds in sugarcane, 74.
Sharma, S. L. and Dube, H. D.		*Sphacelotheca* on *Erianthus munja*, 16.
Singh, Inderjit	..	*See* Singh and Singh.
Singh, Sunita Inderjit and Singh, Inderjit		The relation between the excitatory and the contractile mechanisms of muscle, 47. Responses of the contractile mechanism of unstriated muscle, 173. Further observations on the relation between denaturation of proteins and relaxation of unstriated muscle, 183.
Subhapradha, C. K.	..	Two new bothriocephalids from the marine fish *Saurida tumbil* (Bloch.), 20.
Subramanian, C. V.	..	The ecological and the taxonomic problems in fusaria, 102.
Sundaram, N. V.	..	*See* Ramakrishnan and Sundaram.
Venkata Ram, C. S.	..	Some aspects of variation and variability in fusaria with reference to the taxonomy of the genus, 123.
Venkateswarlu, J. and Maheswari Devi, H.		Embryological studies in the compositæ, I. *Launaea pinnatifida* Cass, 38.

TITLE INDEX

Acetobacter, studies, I (Bhat and Rijhsinghani), 209.

Black cotton soil, structure, effect of growing cotton in rotation with different crops (Deshpande and others), 251.

Bothriocephalids, two new, from the marine fish *Saurida tumbil* (Bloch.) (Subhapradha), 20.

Cestode, new, from the Indian cobra *Naia naia* Linn. (Johri), 82.

Cestode, new, *Oochoristica hemidactyli* from the common wall lizard, *Hemidactylus flaviviridis* Ruppell (Johri), 79.

Cicer arietinum L., natural tetraploidy (Oke), 220.

Citrus, limb breakage (Ramakrishnan), 247.

Compositæ, embryological studies, I. (Venkateswarlu and Maheswari Devi), 38.

Cucurbitaceous plants in West Bengal, common, phytotoxic action of BHC and DDT, studies (Banerjee and Chatterjee), 227.

Fishes, fresh-water, Indian, monogenea, III (Jain), 31.

Fungi, aquatic, Indian, studies, II (Miss John), 86.

Fungi, heavy metal requirements (Miss Saraswathi-Devi), 145.

Fungi of Madras, additions, XVII (Ramakrishnan and Sundaram), 189.

Fusaria, some aspects of variation and variability, with reference to the taxonomy of the genus (Venkata Ram,) 123.

Fusaria, the ecological and the taxonomic problems (Subramanian), 102.

Hydrophytes, some Indian, physiological anatomy, contribution to our knowledge, II (Mirashi), 167.

MCPA, (Sodium 2 methyl 4 chlorophenoxyacetic acid), the effect of spraying, to suppress *Cyperus rotundus*, Linn. on the yield of wheat crop grown in an infested field (Row), 65.

Muscle, the relation between the excitatory and the contractile mechanisms (Singh and Singh), 47.

Muscle, unstriated, relation between denaturation of proteins and relaxation of further observations (Singh and Singh), 183.

Muscle, unstriated, responses of the contractile mechanism (Singh and Singh), 173.

Organic matter of the soils of Madhya Pradesh, evaluation, a rapid colorimetric method (Joshi), 69.

Pennisetum. Pennisetum clandestinum Hochst. cytogenetic studies of apomixis (Narayan), 196.

Ring-fasciation, induced, in tomato plants (Majumdar), 1.

Setaria italica, rust, studies (Ramakrishnan and Sundaram), 241.

Soil fungal ecology, some aspects (Ramakrishnan), 110.

Soil micro-organisms and plant well-being, symposium (Sadasivan), 97.

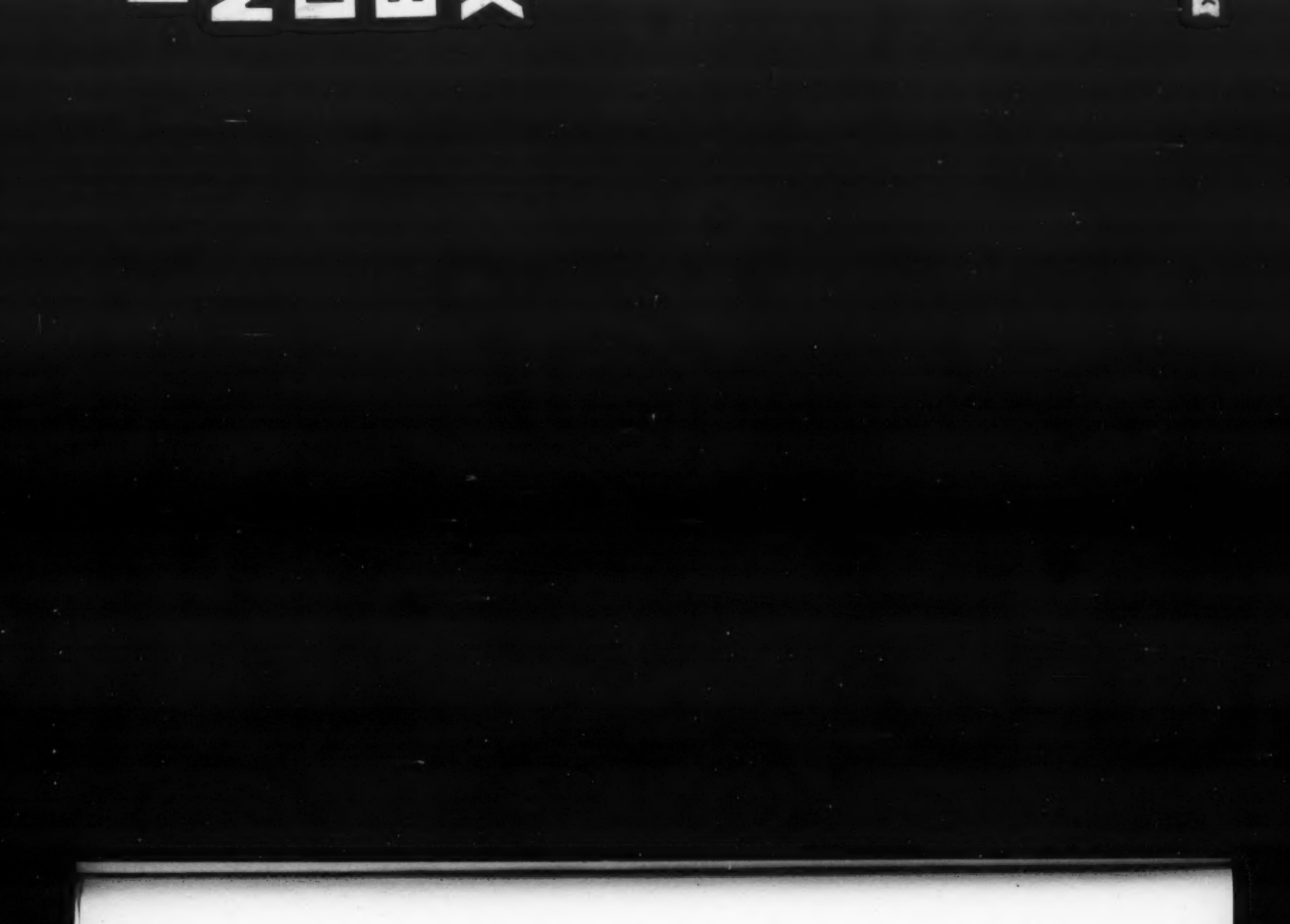
Sphacelotheca on *Erianthus munja* (Sharma and Dube), 16.

Sugarcane, multiple buds (Sharma), 74.

Toxicological studies with special reference to *Fusarium vasinfectum* Atk., certain aspects (Kalyanasundaram), 117.

Utricularia reticulata Smith, floral morphology and embryology, a contribution (Kausik and Raju), 155.

Wilts, vascular, respiratory studies (Lakshmanan), 151.

Wilts, vascular, some biochemical aspects (Lakshminarayanan), 132.

Yeasts, marine, off the Indian Coast (Bhat and Kachwalla), 9.